



## Report VN736 128371.1 Test Report



### Applicant

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Great Britain

### Reference

Purchase Order No: 60324  
Mrs. Rebecca Grimes

### Application

Determination of the burning behaviour according to ÖNORM B 3825 as well as the smoke emission according to ÖNORM A 3800-1.

### Test material

"Xtreme"

Material used in testing was anonymized for laboratory purposes. A detailed sample list is contained in the report.

### Issuing and Signatures

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Authorised for Institute  
Ing. Hannes Vittek

A handwritten signature in blue ink, appearing to read "Vitte", positioned above a horizontal dotted line.

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## 1 Order

### 1.1 Chronology

Date	Received	Order
07.03.2017	04.04.2017	Determination of the burning behaviour according to ÖNORM B 3825 as well as the smoke emission according to ÖNORM A 3800-1.

### 1.2 Samples

Nr.	Received	Sample Identification
1	04.04.2017	"Xtreme"

(Unless otherwise stated samples are provided by the customer.)

## 2 Findings / Tests performed

### 2.1 Description of the specimen

Description of the specimen according to DIN 60 000\*

#### Test results

Tested sample: 1

Material composition (declaration by the applicant)	100% Recycled Flame Retardant Polyester
Technological description	woven fabric

## 2.2 Determination of burning behaviour of upholstery fabrics

### Test conditions

According to ÖNORM B 3825

Arrangement of upholstery: Arrangement A: free chosen upholstery

Kind of upholstery: foam: high resilient foam, properties: Burning behaviour: "schwerbrennbar" according to ÖNORM A 3800-1, Designation: RF 5560, Producer: Eurofoam

Number of test specimens: Longitudinal direction 3 / Cross direction 3

### Test results

Tested sample: 1

Specimen	Burning-time [s]	After-flame-time [s]	After-glow-time [s]	Flame spread rate [mm/s]	self-extinguishing before reaching the mark
Longitudinal direction					
1	none	0	0	--	yes
2	none	0	0	--	yes
3	none	0	0	--	yes
Cross direction					
1	none	0	0	--	yes
2	none	0	0	--	yes
3	none	0	0	--	yes

Secondary effects of burning:

Behaviour of the covering fabric: self-extinguished of the covering fabric

Behaviour of the upholstery: self-extinguished of the upholstery

### Opinion

According to ÖNORM B 3825 the tested specimen can be classified as  
**"schwerbrennbar gemäß ÖNORM B 3825"**

### Comments:

This test is a compound test at which the furniture fabric will always be tested combined with upholstery. Classification, therefore, relates only to the described arrangement of specimens and foam used.

## 2.3 Determination of smoke emission

### Test conditions

Standard: ÖNORM A 3800 part 1/4.2

Arrangement of the specimen: loose

### Test results

Tested sample: 1

smoke emission [%]					
Test 1	Test 2	Test 3	Test 4	Test 5	Mean Value
26	29	11	8	12	17

### Classification

The tested specimen can be classified according to ÖNORM A 3800-1, item 4.2.1 as:

**Qualmbildungsklasse Q1 - schwachqualmend**

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### 3 Remarks

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